

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF CONDUITS AND HANDHOLES FOR THE FUTURE TRAFFIC SIGNAL RECONSTRUCTION AT THE INTERSECTION OF MD 150 (EASTERN AVE) AT ROLLING MILL RD. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA EIGHT-PHASE FULL-TRAFFIC-ACTUATED MODE WITH AN ALTERNATE PEDESTRIAN PHASE FOR THE EAST LEG OF THE INTERSECTION. THE MD 150 EASTBOUND AND WESTBOUND LEFT TURNS OPERATE IN EXCLUSIVE PHASING. THE SOUTHBOUND ROLLING MILL RD AND NORTHBOUND SHOPPING CENTER LEFT TURNS OPERATE IN EXCLUSIVE-PERMISSIVE PHASING.

CONTROLLER REQUIREMENTS

THE EXISTING FULL-TRAFFIC-ACTUATED EIGHT-PHASE TRAFFIC SIGNAL CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL REMAIN.

EQUIPMENT LIST "A, B & C"

A. EQUIPMENT TO BE SUPPLIED BY SHA.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
900000	SHEET ALUMINUM GROUND MOUNTED SIGNS	SF	24
	2 - 0M1-3 FY 18"X18"		1 - W11-2 FY 36"X36"
	1 - M6-2 FY 30"X24"		1 - R4-7 24"X30"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
201032	CLASS 2 EXCAVATION	CY	0.5
585621	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES	LF	425
585625	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES	LF	150
634100	STANDARD TYPE A CURB 8 INCH X 16 INCH	LF	55
634300	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH	LF	106
655105	5 INCH CONCRETE SIDEWALK	SF	592
655120	DETECTABLE WARNING SURFACE FOR CURB RAMPS	SF	33
800000	REMOVE AND DISPOSE OF EXISTING CONCRETE BOLLARD	EA	1
801104	WOOD SIGN SUPPORTS 4 INCH X 4 INCH	LF	38
801106	WOOD SIGN SUPPORTS 4 INCH X 6 INCH	LF	19
801711	REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS	SF	3
802145	ADJUST EXISTING HANDHOLE	EA	2
805125	2 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	50
805155	4 INCH SCHEDULE 80 RIGID PVC CONDUIT-SLOTTED	LF	415
805160	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE	LF	45
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	4
813014	INSTALL GROUND MOUNTED SIGN	SF	24
833002	1 INCH DIAMETER RIGID STEEL CONDUIT, SCHEDULE 40	LF	60
862101	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)	LF	4100
862102	SAW CUT FOR SIGNAL (LOOP DETECTOR)	LF	1410

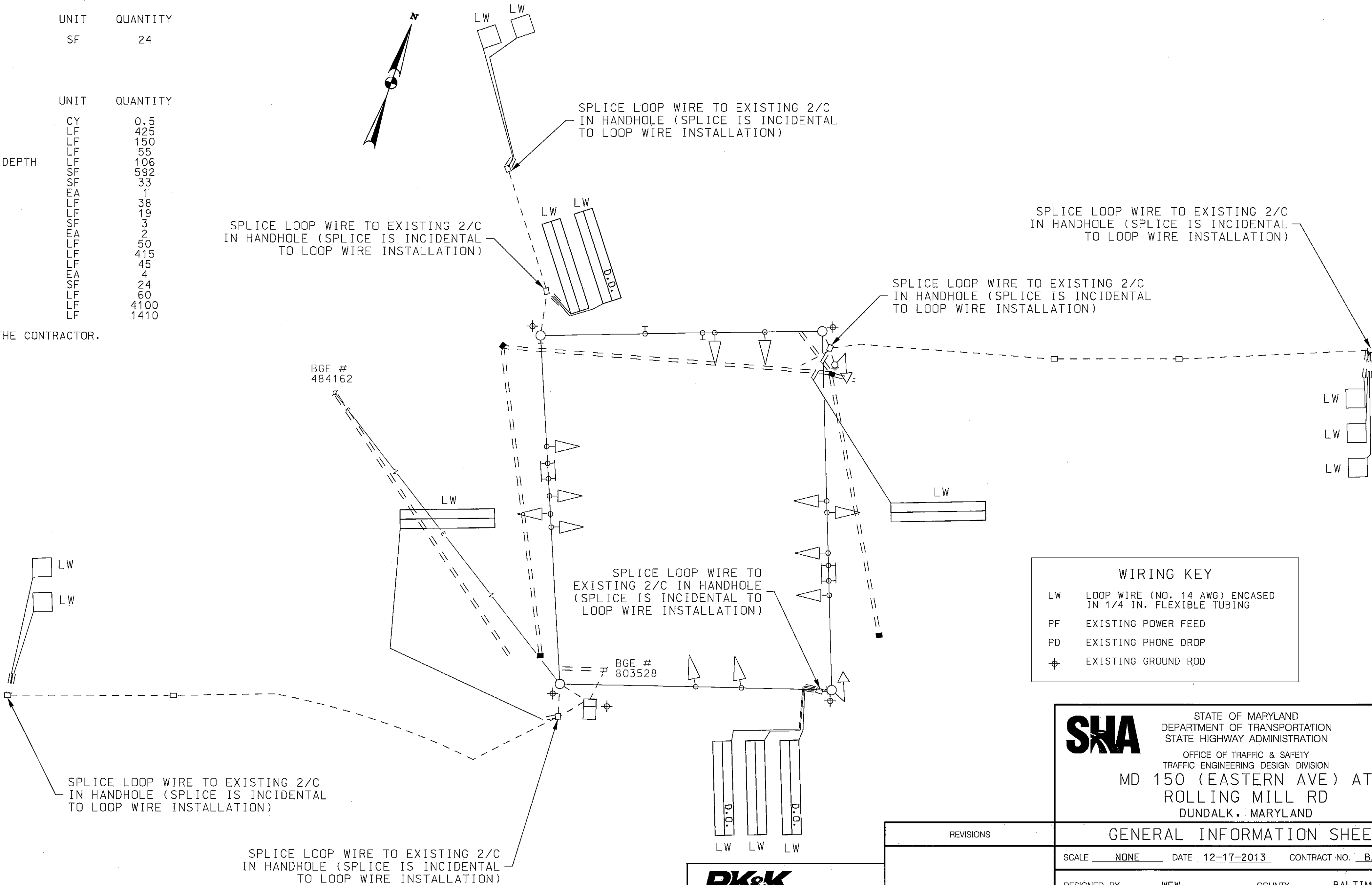
C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

GENERAL NOTES

- ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL CAP AND ABANDON CONDUITS FEEDING EXISTING SIGNAL EQUIPMENT THAT IS REMOVED.

PHASING CHART

NO PROPOSED PHASING CHANGES



CONTACT PERSONS FOR DISTRICT #4 ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: 410-229-2381

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
410-229-2361

MR. JESSE FREE
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
410-229-2421

CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

MS. CORREN JOHNSON
DIVISION CHIEF
TRAFFIC OPERATIONS
PHONE: 410-787-7630

MR. ED RODENHIZER
SIGNAL OPERATIONS MANAGER
410-787-7650

MR. EUGENE BAILEY
SIGN OPERATIONS MANAGER
410-787-7676

RK&K

Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160

Engineers Construction Managers Planners Scientists
www.rkk.com

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 150 (EASTERN AVE) AT
ROLLING MILL RD
DUNDALK, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE 12-17-2013 CONTRACT NO. BA0545177

DESIGNED BY WFW COUNTY BALTIMORE

DRAWN BY WFW LOGMILE 03015001.23

CHECKED BY BJG TMS NO. M051

FAP NO. TOD NO.

TS NO. 616C-01 DRAWING TSP-02 OF TSP-03 SHEET NO. 69 OF 87